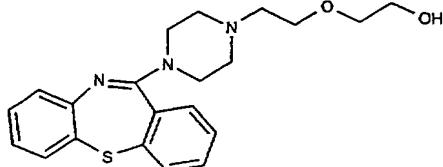


CLAIMS

1. A method for the preparation of the compound of formula I or a salt thereof

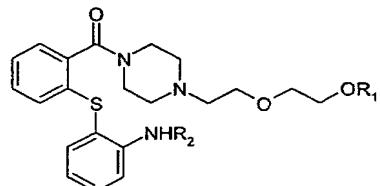
5



I

by cyclization of a compound of formula II or a salt thereof

10

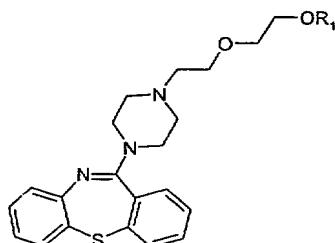


II

15 wherein R₁ is a hydroxyl protecting group selected from the group consisting of acetyl, benzoyl, pivaloyl, benzyl, 4-methoxybenzyl, allyl, tetrahydropyranyl, silyl, alkyl carbonate, aryl carbonate, aralkyl carbonate, benzyl carbonate, allylsulfonyl, benzylsulfonyl, toluenesulfonyl and R₂ is H or a suitable amino protecting group , e.g. acetyl, pivaloyl or benzyl to produce a compound of formula III or a salt thereof

20

25



III

in which R₁ is defined as above, which on removal of R₁ yields compound I or a salt thereof.

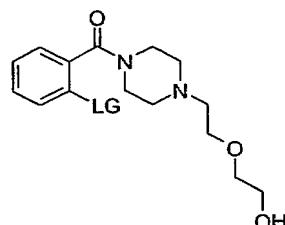
30

2. A process according to claim 1 where compound of formula I is further reacted to a pharmaceutically acceptable salt thereof.

3. The method of claim 1, wherein the cyclization is carried out using phosphorus oxychloride.

4. The method of claim 1, wherein the compound of formula II or a salt thereof is obtained by coupling of 2-aminothiophenol with a compound of formula IV or a salt thereof,

10



15

wherein LG represents halogen, diazonium, trifluoromethyl, O-p-toluenesulfonyl, O-trifluoromethanesulfonyl or O-methanesulfonyl and reacting the resulting intermediate with at least one reagent providing at least the protective group R₁, and optionally R₂.

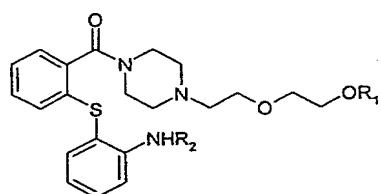
5. The compound of formula IV, wherein LG is I or Br.

20

6. [2-(2-amino-phenylsulfanyl)-phenyl-{4(2-(2-hydroxyethoxy)ethyl]piperazin-1-yl} methanone.

7. The compound of formula

25



wherein R₁ and R₂ are defined as in claim 1.

30

8. The compound of claim 7, wherein R₁ and R₂ are both acetyl.

9. The compound of claim 7, wherein R₁ is acetyl and R₂ is H.

10. (4-[2-(2-acetoxyethoxy)ethyl]-1-piperazinyl)dibenzo[b,f]-1,4-thiazepine.